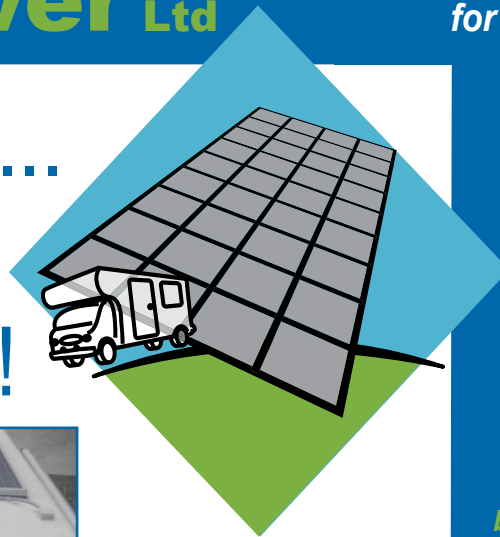


Got a motorhome...

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DO YOU NEED A SOLAR PANEL?

If you enjoy the freedom of parking in a remote spot for more than a couple of days then you probably need a solar panel. Not only will it extend your freedom-camping but it will increase the life of your batteries.

Deep Cycle batteries have special requirements as far as charging and maintenance go and a solar panel with a 3-stage regulator provides the right conditions for efficient and full charging of your precious power source. Full charging is the key here because if you have a 100Ahr battery but it only gets 75% charged you effectively have a 75Ahr battery. 75% is typically the level of charge achieved by a vehicle alternator and battery chargers that don't have 3-stages (bulk, absorption and float mode).

A good quality solar regulator can also include an accurate digital meter so you can see at a glance the battery voltage, how many amps are coming in from the solar panel and how much power your appliances are using – all in the one

unit. This is key information if you like to practice good power management.

Once installed the solar charging system works quietly and cleanly, producing power for many years with no further running costs and very little maintenance. Just keep it clean and the sunlight will do the rest.

A motorhome with solar is always ready to go. So long as sunlight reaches the panel the batteries will be maintained at their optimum voltage to maximise life. A battery that is left partially discharged for even just a week can be difficult to fully charge as sulphation occurs and the build up on the plates becomes harder to break down with time.

In summer a properly scaled solar system can provide unlimited freedom camping and in winter a good set up will allow 4-5+ days independence. This means less time at powered sites and after a period of time the savings will pay for the cost of the solar panel. When you take into account that the solar panel is guaranteed for 25years and that it not only saves powered site fees but extends the life of your batteries, it becomes clear what a good investment solar is.

Check out our website:

www.absolutepowerltd.co.nz

Please call us at Absolute Power on 09 2929103 or 021 775 174 if we can be of assistance with any area of your mobile home power system – from solar to batteries to equipment. We'll be happy to hear from you and even happier to help you.

